



John T. Callahan  
T (202) 663-7387  
jcallahan@sughrue.com

June 15, 2005

**MAIL STOP PCT**

Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

PCT/JP2003/016082  
-filed December 16, 2003

Re: Application of Akira INOUE, Masahiko HATA, and Yasuyuki KURITA  
SEMICONDUCTOR MATERIAL HAVING BIPOLAR TRANSISTOR  
STRUCTURE AND SEMICONDUCTOR DEVICE USING SAME  
Assignee: **SUMITOMO CHEMICAL COMPANY, LIMITED**  
Our Ref: Q88498

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☐ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application. Also enclosed is a copy of the first two pages of WO 2004/055903 A1.
- ☒ 7 sheets of drawings.
- ☒ a copy of Notification of the Recording of a Change (Form PCT/IB/306).
- ☐ a copy of the executed Assignment and PTO 1595 form.
- ☒ a copy of the ISR.
- ☐ a copy of the IPER.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR/IPER references.
- ☒ a copy of each reference cited in the ISR/IPER.
- ☒ a Preliminary Amendment.
- ☒ **It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).**

**A copy of the Declaration and Power of Attorney, and a copy of the Assignment will be submitted at a later date.**

10/539006  
JC09 Rec'd PCT/PTO 15 JUN 2005  
2100 Pennsylvania Avenue, NW  
Washington, DC 20037-3213  
T 202.293.7060  
F 202.293.7860  
401 Castro Street  
Mountain View, CA 94041-2007  
T 650.625.8100  
F 650.625.8110  
AIG Bldg. 14F  
1-1-3 Marunouchi  
Chiyoda-ku Tokyo 100-0005  
Japan  
T 03.5220.0200  
F 03.5220.0222

www.sughrue.com



Commissioner for Patents  
June 15, 2005  
Page 2

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

The Government filing fee is calculated, **after entry of the Preliminary Amendment**, as follows:

Total claims	<u>18</u>	-	<u>20</u>	=	<u>          </u>	x	\$50.00	=	<u>          </u>	\$0.00
Independent claims	<u>2</u>	-	<u>3</u>	=	<u>          </u>	x	\$200.00	=	<u>          </u>	\$0.00
Base Fee										<u>\$300.00</u>
Search Fee*										<u>\$400.00</u>
Examination Fee*										<u>\$200.00</u>
<b><u>TOTAL FEE</u></b>										<u>\$900.00</u>


\* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

A check for the statutory filing fee of \$900.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2002-364547	December 17, 2002

Respectfully submitted,

  
John T. Callahan  
Registration No. 32,607

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER